



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No. : 4939

Appln. No. : 10/659,451

Applicant : Maria Villani

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Examiner : Srivastava, Kailash C.

Docket No. : 1951331-00004

Customer No. : 45200

Title : PORIFERA-BASED THERAPEUTIC COMPOSITIONS FOR TREATING
AND PREVENTING SKIN DISEASES

AMENDMENT AND REMARKS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Applicant submits the following Amendment and Remarks in Response to the Office Action dated April 30, 2008 in the above referenced patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Appendix A and B begin after page 16 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (AMENDED) A therapeutic composition for treating skin diseases comprising:

a substantially pure powder of a fresh water sponge, *Spongilla lacustris*, and at least one pharmaceutically acceptable excipient, wherein said therapeutic composition comprises approximately 50% to 60% insoluble material having a maximum particle size of 0.2 mm of said substantially pure powder of *Spongilla lacustris*.

2. (CANCELLED)

3. (PREVIOUSLY PRESENTED) The composition according to claim 1, wherein said skin disease is selected from the group consisting of acne vulgaris, rosacea, seborrheic dermatitis, atopic dermatitis, psoriasis, photo-aging and actinic keratosis.

4-6. (CANCELLED)

7. (PREVIOUSLY PRESENTED) The composition according to claim 1, wherein said *Spongilla lacustris* is harvest from the Arstrakian region of the Russian Federation.

8-23. (CANCELLED)

24. (PREVIOUSLY PRESENTED) The composition of claim 1, wherein said pharmaceutically acceptable excipient is selected from the group consisting of water, glycerin, gels, oils, waxes, emollients, cleansers, fragrances, antiseptics, anesthetics, seaweed powder, coral powder, hydrogen peroxide, enzyme gel, jojoba oil and boric acid.

25. (PREVIOUSLY PRESENTED) The composition of claim 24, wherein said water is selected from the group consisting of water for injection, irrigation water, distilled water, deionized water and floral water.

26-27. (CANCELLED)